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612.39353X00  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sophie BALAVEN, et al.  
Serial No: 09/727,452  
Filed: December 4, 2000  
Title: METHOD OF GENERATING A GRID ON A HETEROGENEOUS FORMATION CROSSED BY ONE OR MORE GEOMETRIC DISCONTINUITIES IN ORDER TO CARRY OUT SIMULATIONS  
Group: 2121  
Examiner: Michael B. Holmes

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

March 28, 2005

Sir:

This is in response to the Office Action of December 28, 2004. Please amend the above-identified application as listed below and as set forth on the following pages:

Amendments to the Claims

Remarks are included following the amendments

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To: Hon. Commissioner of Patents  
Attn: Examiner Michael B. Holmes  
Group: 2121

From: Donald E. Stout

Fax: (703) 872-9306

Pages: 11 pgs.

Phone: (571) 273-3686

Date: March 28, 2005

Re: U.S. Serial No. 09/727,452

CC:

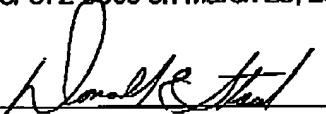
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• **Comments:**

I hereby certify that the following document: (1) Amendment is being facsimiled to the Patent and Trademark Office (Fax No. 703/ 872-9306 on March 28, 2005).



Donald E. Stout

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